

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE  
 (REV. 7-80) PATENT AND TRADEMARK OFFICE  
**LIST OF PRIOR ART  
 CITED BY APPLICANT**  
 (Use several sheets if necessary)

Atty. Docket No.  
 17406

Application No.  
 10/766,581

Applicant  
 Akio Uchiyama

Filing Date  
 January 27, 2004

Group Art Unit  
 3739

**U. S. PATENT DOCUMENTS**

EXAMINER INITIAL*	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	6,939,229	9/6/2005	McClintic			
	3,683,389	8/8/1972	Hollis			
	4,741,327	5/3/1988	Yabe			
	4,278,077	7/14/1981	Mizumoto			

**U. S. PATENT PUBLICATION DOCUMENTS**


**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLAS S	SUBCLASS	TRANSLATION	
						YES	NO
	WO 92/21307	12/10/1992	PCT				
	JP 57-045833	3/16/1982	Japan			X	
	JP 03-289779	12/19/1991	Japan				
	JP 04-109927	4/10/1992	Japan			X	
	JP 04-180736	6/26/1992	Japan				
	DE 3440177 A1	5/15/86	Germany			X	

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER	DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.